

# TELMUDEN PLUS

An emulsifiable concentrate formulation containing 50 g/L (5.05% w/w) bixafen and 100 g/L (10.10% w/w) prothioconazole and 250 g/L (25.25% w/w) spiroxamine.

**FOR PROFESSIONAL USE ONLY**

A fungicide for the control of stem-base, foliar and ear diseases in winter and spring wheat, triticale, winter rye, winter and spring barley and oats.

#### Authorisation holder & Marketing Company:

**Rainbow Agrosciences Europe, S.A.U.**

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#### PROTECT FROM FROST

#### STORE IN A COOL DRY PLACE

In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 01 809 2166 or 01 837 9964'

UFI: 26N0-U0GC-200D-83H1

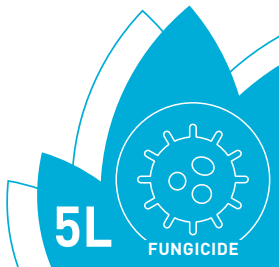
#### PROTECT FROM FROST

#### SHAKE WELL BEFORE USE

Batch number:

Date of Manufacture:

**Rainbow**  
all about growing



#### Risk and Safety information



#### DANGER

Harmful if swallowed.  
Causes serious eye damage.  
Harmful if inhaled.  
May cause respiratory irritation.  
Suspected of damaging the unborn child.  
May cause damage to organs (eyes) through prolonged or repeated exposure.  
Very toxic to aquatic life  
Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor/physician.  
Protect from sunlight.  
Collect spillage.  
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

Contains spiroxamine. May produce an allergic reaction.  
Contains prothioconazole. May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use.

PCS 07369

## SAFETY PRECAUTIONS

### Operator Protection

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

### Environmental Protection

Do not contaminate water with the product

or its container. (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads).

To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

### Storage and Disposal

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

PROTECT FROM FROST

## DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Telmuden Plus is a mixture of a carboxamide, triazolothione and spiroketobamine fungicides recommended for control of a wide range of diseases on winter and spring wheat, winter rye, triticale, winter and spring barley and oats.

## RATE OF USE

Crop	Maximum individual dose	Maximum number of applications per crop	Latest time of application
Wheat, triticale & rye	1.5 litres product per hectare	Two per crop	Before grain milky ripe stage (GS 73)
Barley & oats	1.5 litres product per hectare	Two per crop	Up to beginning of flowering (GS 61)

PCS 07369

### Other specific restrictions

A maximum of 2 foliar applications of product(s) containing SDHIs can be applied to any cereal crop.

Method of application: Tractor mounted/trailed horizontal boom sprayer

A spray pressure of 2-3 bar is recommended. Apply Telmuden Plus in 100-300 litres per hectare water.

Apply as a medium spray quality.

## CROPS

Telmuden Plus may be used on all commercial varieties of wheat, triticale, winter rye, barley and oats.



## APPLICATION

### Water volume

Apply Telmuden Plus in 100–300 litres per hectare water. The higher spray volumes are recommended where the crop is dense or disease pressure / risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve. A spray pressure of 2–3 bar is recommended.

### Spray quality

Apply as a MEDIUM spray quality (as defined by BCPC).

### Latest Permitted Timing

In wheat, triticale and rye Telmuden Plus may be applied at any stage before grain milky ripe stage. In barley and oats Telmuden Plus may be applied at any stage up to beginning of flowering.

### Mixing

Thoroughly shake the pack before use.

Add the required quantity of Telmuden Plus to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

### General

Sprayers should be thoroughly cleaned with water and detergent after use, and filters and jets checked for damage and blockages.

Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop. In dense crops, at later growth stages, higher water volumes should be used.

DISEASES CONTROLLED	Wheat	Triticale	Rye	Barley	Oats
Eyespot ( <i>Oculimacula</i> spp.)	R	R	R	-	-
Septoria leaf blotch ( <i>Mycosphaerella graminicola</i> )	MC	MC	MC	-	-
Glume blotch ( <i>Septoria nodorum</i> )	MC	-	MC	-	-
Powdery mildew ( <i>Blumeria graminis</i> )	C	C	C	C	-
Yellow rust	C	C	-	C	-
Brown rust	C	C	C	C	-
Crown rust	-	-	-	-	C
Tan spot	C	-	-	-	-
Fusarium Ear blight	MC	MC	-	-	-
Sooty moulds	R	R	-	-	-
Rhynchosporium Leaf blotch	-	C	C	MC	-
Net blotch ( <i>Pyrenophora teres</i> )	-	-	-	MC	-
C = Control MC = Moderate control R = Reduction					

## APPLICATION TIMING

The maximum number of applications should be 2 per crop.

Eyespot (*Oculimacula spp.*)

Spray in the spring at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is detectable (GS 30–32)

Septoria Leaf Blotch and Glume Blotch (*Mycosphaerella graminicola* and *Stagonospora nodorum*)

Apply before disease is established in the crop. To protect the upper leaves and ear apply Telmuden Plus at full flag leaf emergence up to mid-flowering (GS 65). Where disease pressure remains high application may be repeated.

Applications to upper leaves where *S. tritici* (*M. graminicola*) symptoms are present are likely to be less effective.

Telmuden Plus contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. For further advice on resistance management in DMI's contact your agronomist or specialist advisor, and visit the FRAG-UK website.

Powdery Mildew (*Blumeria graminis*)

Apply Telmuden Plus at the first signs of disease. Where disease pressure remains high application may be repeated.

Yellow Rust (*Puccinia striiformis*)

Apply Telmuden Plus at the first signs of disease. A second application may be made 2–3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Brown Rust (*Puccinia triticina* and *P. hordei*)

Apply Telmuden Plus at the first signs of disease. A second application may be made 2–3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Crown Rust (*Puccinia coronata*)

Apply Telmuden Plus at the first signs of disease. Telmuden Plus controls crown rust in winter and spring oats. A second application may be made 2–3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Net Blotch (*Pyrenophora teres*)

Apply Telmuden Plus at the first signs of disease in spring/early summer. For severe infections, a second application 2–3 weeks later will give most effective control when conditions remain favourable for disease development.

Leaf Blotch (*Rhynchosporium secalis*)

Apply TELMUDEN PLUS in spring at the first signs of disease. For severe infections a second application may be necessary 2–3 weeks later.

Tan Spot (*Pyrenophora tritici-repentis*)

Apply TELMUDEN PLUS at the first signs of disease in spring or early summer. Where disease pressure remains, high application may be repeated.

Ear Disease Complex

Apply TELMUDEN PLUS soon after ear emergence until the end of flowering (GS 59–69) for moderate control of Fusarium ear blight in wheat and reduction of sooty moulds. Control of ear diseases can result in cleaner, brighter ears.

## RESISTANCE STRATEGY

No more than two applications of SDH inhibitors should be applied to the same crop.

Repeated application of TELMUDEN PLUS alone should not be used on the same crop against a high risk pathogen such as cereal powdery mildew. Tank mixtures or alternation with fungicides having a different mode of action have been shown to

protect against the development of resistant forms of disease.

**CAUTION:** The possible development of disease strains resistant to TELMUDEN PLUS cannot be excluded or predicted. Where such resistant strains occur, TELMUDEN PLUS is unlikely to give satisfactory control.